

2018 Current Fiscal Year Report: Proposal Review Panel for Astronomical Sciences

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1. Department or Agency

National Science Foundation

2. Fiscal Year

2018

3. Committee or Subcommittee

Proposal Review Panel for Astronomical Sciences

3b. GSA Committee No.

1186

4. Is this New During Fiscal Year?

No

5. Current Charter

06/29/2018

6. Expected Renewal Date

06/29/2020

7. Expected Term Date

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Not Applicable

11. Establishment Authority

Agency Authority

12. Specific Establishment Authority

ADM IV-100

13. Effective Date

11/29/1990

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee

Grant Review Committee

16a. Total Number of Reports

No Reports for this Fiscal Year

17a. Open 0 17b. Closed 47 17c. Partially Closed 0 Other Activities 0 17d. Total 47 Meetings and Dates

Purpose	Start	End
Proposal Review	10/06/2017	- 10/06/2017
Proposal Review	10/06/2017	- 10/06/2017
Proposal Review	10/23/2017	- 10/24/2017
Proposal Review	10/24/2017	- 10/25/2017
Proposal Review	10/26/2017	- 10/27/2017
Proposal Review	10/30/2017	- 10/31/2017
Proposal Review	11/06/2017	- 11/07/2017
Proposal Review	11/13/2017	- 11/13/2017
Proposal Review	12/05/2017	- 12/07/2017
Proposal Review	12/06/2017	- 12/07/2017
Proposal Review	01/16/2018	- 01/17/2018
Proposal Review	01/23/2018	- 01/24/2018
Proposal Review	01/25/2018	- 01/26/2018
Proposal Review	01/25/2018	- 01/26/2018
Proposal Review	01/29/2018	- 01/30/2018
Proposal Review	01/29/2018	- 01/30/2018
Proposal Review	02/15/2018	- 02/16/2018
Proposal Review	02/22/2018	- 02/23/2018
Proposal Review	03/01/2018	- 03/01/2018

Proposal Review	03/01/2018	- 03/02/2018
Proposal Review	03/05/2018	- 03/06/2018
Proposal Review	03/08/2018	- 03/09/2018
Proposal Review	03/15/2018	- 03/16/2018
Proposal Review	03/19/2018	- 03/20/2018
Proposal Review	03/19/2018	- 03/20/2018
Proposal Review	03/26/2018	- 03/27/2018
Proposal Review	03/29/2018	- 03/30/2018
Proposal Review	04/02/2018	- 04/03/2018
Proposal Review	04/05/2018	- 04/06/2018
Proposal Review	04/12/2018	- 04/13/2018
Proposal Review	04/12/2018	- 04/13/2018
Proposal Review	04/16/2018	- 04/17/2018
Proposal Review	04/16/2018	- 04/17/2018
Proposal Review	04/19/2018	- 04/20/2018
Proposal Review	04/19/2018	- 04/20/2018
Proposal Review	04/23/2018	- 04/24/2018
Proposal Review	04/23/2018	- 04/24/2018
Proposal Review	04/23/2018	- 04/24/2018
Proposal Review	04/26/2018	- 04/27/2018
Proposal Review	05/01/2018	- 05/02/2018
Proposal Review	05/03/2018	- 05/04/2018
Proposal Review	05/07/2018	- 05/08/2018
Proposal Review	05/08/2018	- 05/09/2018
Proposal Review	05/23/2018	- 05/24/2018
Proposal Review	06/04/2018	- 06/05/2018
Proposal Review	07/12/2018	- 07/13/2018
Proposal Review	07/30/2018	- 08/03/2018

Number of Committee Meetings Listed: 47

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$240,320.00	\$240,320.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$725,196.00	\$725,196.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$84,849.00	\$84,849.00
18b(2). Travel and Per Diem to Federal Members	\$6,332.00	\$6,332.00
18b(3). Travel and Per Diem to Federal Staff	\$8,891.00	\$8,891.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$12,252.00	\$12,252.00
18d. Total	\$1,077,840.00	\$1,077,840.00
19. Federal Staff Support Years (FTE)	4.17	4.17

20a. How does the Committee accomplish its purpose?

Panel deliberations resulted in the review and ranking of proposals in areas of special emphasis in the Division of Astronomical Sciences. This advice aided AST Program Managers in their funding decisions. Proposals were reviewed in the following programs:Astronomy & Astrophysics Research Grants (AAG), Solar and Planetary

Research Grants (SPG); National Radio Astronomy Observatory (NRAO); CAREER, The Astronomy & Astrophysics Postdoctoral Fellowship Program (AAPF), Research Experiences for Undergraduates Program (REU), Major Research Instrumentation (MRI), Particle Astrophysics, Arecibo Observatory (AO), National Optical Astronomy Observatory (NOAO), National Solar Observatory (NSO), and Mid-Scale Innovations Program (MSIP).

20b. How does the Committee balance its membership?

The makeup of the individual panels was well balanced. Represented were women and minorities, and large and small institutions. Consideration was also given to the geographic areas represented. Expertise was available in terms of subject matter and research experience in the subdisciplines.

20c. How frequent and relevant are the Committee Meetings?

Each grant program in the Division of Astronomical Sciences has an annual deadline. This results in panel meetings for each program to review and rank the proposals. Periodic reviews are also held as part of the oversight and management of the national observatories.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

Because of the complex nature of many of these proposals, the give-and-take discussion about each of the proposals which results from panel meetings is necessary for a thorough review. No other source is available to us that has the required combination of expertise and experience.

20e. Why is it necessary to close and/or partially closed committee meetings?

Proposals reviewed included information of a proprietary or confidential nature, including technical information; financial data, such as salaries; and personal information concerning individuals associated with the proposals.

21. Remarks

N/A

Designated Federal Officer

Richard F. Green Division Director

Committee Members	Start	End	Occupation	Member Designation
Ajello, Marco	10/01/2017	09/30/2018	Clemson University	Special Government Employee (SGE) Member
Akerlof, Carl	10/01/2017	09/30/2018	University of Michigan	Special Government Employee (SGE) Member
Alpaslan, Mehmet	10/01/2017	09/30/2018	New York University	Special Government Employee (SGE) Member

Andersen, Morten	10/01/2017 09/30/2018 Gemini Observatory	Special Government Employee (SGE) Member
Andersson, B-G	10/01/2017 09/30/2018 Universities Space Research Association	Special Government Employee (SGE) Member
Andrews, Brett	10/01/2017 09/30/2018 University of Pittsburgh	Special Government Employee (SGE) Member
Angryk, Rafal	10/01/2017 09/30/2018 Georgia State University	Special Government Employee (SGE) Member
Arce, Hector	10/01/2017 09/30/2018 Yale University	Special Government Employee (SGE) Member
Arnaud, Keith	10/01/2017 09/30/2018 NASA Goddard Space Flight Center	Special Government Employee (SGE) Member
Arnold, Kam	10/01/2017 09/30/2018 University of California, San Diego	Special Government Employee (SGE) Member
Ashby, Matthew	10/01/2017 09/30/2018 Harvard University	Special Government Employee (SGE) Member
Aykutalp, Aycin	10/01/2017 09/30/2018 Los Alamos National Laboratory	Special Government Employee (SGE) Member
Ballantyne, David	10/01/2017 09/30/2018 Georgia Tech Research Corporation	Special Government Employee (SGE) Member
Bandura, Kevin	10/01/2017 09/30/2018 West Virginia University	Special Government Employee (SGE) Member
Bardeen, Marjorie	10/01/2017 09/30/2018 Fermi National Accelerator Laboratory	Special Government Employee (SGE) Member
Barger, Kat	10/01/2017 09/30/2018 Texas Christian University	Special Government Employee (SGE) Member
Baring, Matthew	10/01/2017 09/30/2018 William Marsh Rice University	Special Government Employee (SGE) Member
Barnes, Peter	10/01/2017 09/30/2018 University of Florida	Special Government Employee (SGE) Member
Barnes, Thomas	10/01/2017 09/30/2018 University of Texas at Austin	Special Government Employee (SGE) Member
Bartos, Imre	10/01/2017 09/30/2018 University of Florida	Special Government Employee (SGE) Member
Bary, Jeffrey	10/01/2017 09/30/2018 Colgate University	Special Government Employee (SGE) Member
Bayliss, Matthew	10/01/2017 09/30/2018 Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Bean, Jacob	10/01/2017 09/30/2018 University of Chicago	Special Government Employee (SGE) Member
Bennert, Vardha	10/01/2017 09/30/2018 California Polytechnic State University	Special Government Employee (SGE) Member
Berg, Danielle	10/01/2017 09/30/2018 The Ohio State University	Special Government Employee (SGE) Member
Bernstein, Gary	10/01/2017 09/30/2018 University of Pennsylvania	Special Government Employee (SGE) Member
Berrington, Robert	10/01/2017 09/30/2018 Ball State University	Special Government Employee (SGE) Member
Bertello, Luca	10/01/2017 09/30/2018 National Solar Observatory	Special Government Employee (SGE) Member
Bischoff, Colin	10/01/2017 09/30/2018 University of Cincinnati	Special Government Employee (SGE) Member
Bizyaev, Dmitry	10/01/2017 09/30/2018 New Mexico State University	Special Government Employee (SGE) Member
Blum, Robert	10/01/2017 09/30/2018 National Optical Astronomy Observatory	Special Government Employee (SGE) Member
Bocaz, Paulina	10/01/2017 09/30/2018 Associated Universities Inc.	Special Government Employee (SGE) Member

Bochanski, John	10/01/2017 09/30/2018 Rider University	Special Government Employee (SGE) Member
Bolton, Adam	10/01/2017 09/30/2018 National Optical Astronomy Observatory	Special Government Employee (SGE) Member
Bonamente, Massimiliano	10/01/2017 09/30/2018 University of Alabama in Huntsville	Special Government Employee (SGE) Member
Boroson, Todd	10/01/2017 09/30/2018 Las Cumbres Observatory Global Telescope	Special Government Employee (SGE) Member
Bowen, David	10/01/2017 09/30/2018 Princeton University	Special Government Employee (SGE) Member
Brissenden, Roger	10/01/2017 09/30/2018 Smithsonian Astrophysical Observatory	Regular Government Employee (RGE) Member
Bunn, Emory	10/01/2017 09/30/2018 University of Richmond	Special Government Employee (SGE) Member
Burke-Spolaor, Sarah	10/01/2017 09/30/2018 West Virginia University	Special Government Employee (SGE) Member
Butler, Nathaniel	10/01/2017 09/30/2018 Arizona State University	Special Government Employee (SGE) Member
Butner, Harold	10/01/2017 09/30/2018 James Madison University	Special Government Employee (SGE) Member
Buzasi, Derek	10/01/2017 09/30/2018 Florida Gulf Coast University	Special Government Employee (SGE) Member
Cai, Zheng	10/01/2017 09/30/2018 UCO Lick Observatory	Special Government Employee (SGE) Member
Calder, Alan	10/01/2017 09/30/2018 Stony Brook University	Special Government Employee (SGE) Member
Calkins, Michael	10/01/2017 09/30/2018 University of Colorado at Boulder	Special Government Employee (SGE) Member
Caprioli, Damiano	10/01/2017 09/30/2018 University of Chicago	Special Government Employee (SGE) Member
Chatzopoulos, Emmanouil	10/01/2017 09/30/2018 Louisiana State University	Special Government Employee (SGE) Member
Choi, Ena	10/01/2017 09/30/2018 Columbia University	Special Government Employee (SGE) Member
Chomiuk, Laura	10/01/2017 09/30/2018 Michigan State University	Special Government Employee (SGE) Member
Christensen, Charlotte	10/01/2017 09/30/2018 Grinnell College	Special Government Employee (SGE) Member
Chun, Mark	10/01/2017 09/30/2018 University of Hawaii	Special Government Employee (SGE) Member
Church, Sarah	10/01/2017 09/30/2018 Stanford University	Special Government Employee (SGE) Member
Comerford, Julie	10/01/2017 09/30/2018 University of Colorado at Boulder	Special Government Employee (SGE) Member
Cook, David	10/01/2017 09/30/2018 California Institute of Technology	Special Government Employee (SGE) Member
Copperwheat, Christopher	10/01/2017 09/30/2018 Liverpool John Moores University	Special Government Employee (SGE) Member
Corrales, Lia	10/01/2017 09/30/2018 University of Wisconsin - Madison	Special Government Employee (SGE) Member
Corsi, Alessandra	10/01/2017 09/30/2018 Texas Tech University	Special Government Employee (SGE) Member
Crawford, Tom	10/01/2017 09/30/2018 University of Chicago	Special Government Employee (SGE) Member
Crites, Abigail	10/01/2017 09/30/2018 California Institute of Technology	Special Government Employee (SGE) Member
Currie, Dean	10/01/2017 09/30/2018 Vice President for Business and Finance	Special Government Employee (SGE) Member

Cyr-Racine, Francis-Yan	10/01/2017 09/30/2018 Harvard University	Special Government Employee (SGE) Member
Dalal, Neal	10/01/2017 09/30/2018 Perimeter Institute	Special Government Employee (SGE) Member
Das, Kamalika	10/01/2017 09/30/2018 NASA Ames Research Center	Special Government Employee (SGE) Member
Davis, Shane	10/01/2017 09/30/2018 University Of Virginia	Special Government Employee (SGE) Member
Day, Peter	10/01/2017 09/30/2018 Jet Propulsion Laboratory	Special Government Employee (SGE) Member
De Pree, Christopher	10/01/2017 09/30/2018 Agnes Scott College	Special Government Employee (SGE) Member
DeBoer, David	10/01/2017 09/30/2018 University Of California, Berkeley	Special Government Employee (SGE) Member
Denneau, Larry	10/01/2017 09/30/2018 University of Hawaii Manoa	Special Government Employee (SGE) Member
Dieterich, Serge	10/01/2017 09/30/2018 Carnegie Institution of Washington	Special Government Employee (SGE) Member
Dominguez, Gerardo	10/01/2017 09/30/2018 California State University San Marcos	Special Government Employee (SGE) Member
Donahoe, Patrick	10/01/2017 09/30/2018 Associated Universities Inc.	Special Government Employee (SGE) Member
Douglas, Stephanie	10/01/2017 09/30/2018 Harvard-Smithsonian Center for Astrophysics	Special Government Employee (SGE) Member
Dowling, Timothy	10/01/2017 09/30/2018 University Of Louisville	Special Government Employee (SGE) Member
Dyar, Melinda	10/01/2017 09/30/2018 Mount Holyoke College	Special Government Employee (SGE) Member
Eastwood, Kathleen	10/01/2017 09/30/2018 Northern Arizona University	Special Government Employee (SGE) Member
Egeland, Ricky	10/01/2017 09/30/2018 University Corporation For Atmospheric Research	Special Government Employee (SGE) Member
Eikenberry, Stephen	10/01/2017 09/30/2018 University of Florida	Special Government Employee (SGE) Member
Eisner, Josh	10/01/2017 09/30/2018 University of Arizona	Special Government Employee (SGE) Member
Evans, Ian	10/01/2017 09/30/2018 Smithsonian Astrophysical Observatory	Regular Government Employee (RGE) Member
Evrard, August	10/01/2017 09/30/2018 University of Michigan	Special Government Employee (SGE) Member
Ferland, Gary	10/01/2017 09/30/2018 University of Kentucky	Special Government Employee (SGE) Member
Fesen, Robert	10/01/2017 09/30/2018 Dartmouth College	Special Government Employee (SGE) Member
Finkbeiner, Douglas	10/01/2017 09/30/2018 Harvard University	Special Government Employee (SGE) Member
Font, Jose	10/01/2017 09/30/2018 University of Valencia	Special Government Employee (SGE) Member
Fragile, Chris	10/01/2017 09/30/2018 College of Charleston	Special Government Employee (SGE) Member
Frail, Dale	10/01/2017 09/30/2018 National Radio Astronomy Observatory	Special Government Employee (SGE) Member
Froning, Cynthia	10/01/2017 09/30/2018 University Of Texas At Austin	Special Government Employee (SGE) Member
Fu, Hai	10/01/2017 09/30/2018 University of Iowa	Special Government Employee (SGE) Member
Fukumura, Keigo	10/01/2017 09/30/2018 James Madison University	Special Government Employee (SGE) Member

Fuller, Jim	10/01/2017 09/30/2018 California Institute of Technology	Special Government Employee (SGE) Member
Gaffey, Michael	10/01/2017 09/30/2018 University of North Dakota	Special Government Employee (SGE) Member
Gallicchio, Jason	10/01/2017 09/30/2018 Harvey Mudd College	Special Government Employee (SGE) Member
Gammie, Charles	10/01/2017 09/30/2018 University of Illinois at Urbana-Champaign	Special Government Employee (SGE) Member
Garofalo, David	10/01/2017 09/30/2018 Kennesaw State University	Special Government Employee (SGE) Member
Geballe, Thomas	10/01/2017 09/30/2018 Gemini Observatory	Special Government Employee (SGE) Member
Gelfand, Joseph	10/01/2017 09/30/2018 New York University, Abu Dhabi Saadiyat Island Campus	Special Government Employee (SGE) Member
Gezari, Suvi	10/01/2017 09/30/2018 University of Maryland	Special Government Employee (SGE) Member
Gianninas, Alex	10/01/2017 09/30/2018 American Public University System, Inc.	Special Government Employee (SGE) Member
Giavalisco, Mauro	10/01/2017 09/30/2018 University of Massachusetts	Special Government Employee (SGE) Member
Gibb, Erika	10/01/2017 09/30/2018 University of Missouri-Saint Louis	Special Government Employee (SGE) Member
Gnedin, Oleg	10/01/2017 09/30/2018 University of Michigan	Special Government Employee (SGE) Member
Gray, Richard	10/01/2017 09/30/2018 Appalachian State University	Special Government Employee (SGE) Member
Green, Daniel	10/01/2017 09/30/2018 Fermi National Accelerator Laboratory	Special Government Employee (SGE) Member
Guiriec, Sylvain	10/01/2017 09/30/2018 George Washington University	Special Government Employee (SGE) Member
Gunther, Moritz	10/01/2017 09/30/2018 Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Haberzettl, Lutz	10/01/2017 09/30/2018 University of Louisville	Special Government Employee (SGE) Member
Haiman, Zoltan	10/01/2017 09/30/2018 Columbia University	Special Government Employee (SGE) Member
Hamilton, Andrew J.	10/01/2017 09/30/2018 University of Colorado at Boulder	Special Government Employee (SGE) Member
Harris, Deborah	10/01/2017 09/30/2018 Fermi Research Alliance, LLC	Special Government Employee (SGE) Member
Hayden, Brian	10/01/2017 09/30/2018 Lawrence Berkeley National Laboratory	Special Government Employee (SGE) Member
Hayes, Alexander	10/01/2017 09/30/2018 Cornell University	Special Government Employee (SGE) Member
Hayward, Christopher	10/01/2017 09/30/2018 Flatiron Institute	Special Government Employee (SGE) Member
Heitsch, Fabian	10/01/2017 09/30/2018 University of North Carolina at Chapel Hill	Special Government Employee (SGE) Member
Hernandez, Audra	10/01/2017 09/30/2018 University of Wisconsin - Madison	Special Government Employee (SGE) Member
Hesser, James	10/01/2017 09/30/2018 Dominion Astrophysical Observatory	Special Government Employee (SGE) Member
Higdon, Sarah	10/01/2017 09/30/2018 Georgia Southern University	Special Government Employee (SGE) Member
Hill, Alex	10/01/2017 09/30/2018 University of British Columbia	Special Government Employee (SGE) Member
Hill, Colin	10/01/2017 09/30/2018 Institute For Advanced Study	Special Government Employee (SGE) Member

Hix, William	10/01/2017 09/30/2018 Oak Ridge National Laboratory	Special Government Employee (SGE) Member
Hoeflich, Peter	10/01/2017 09/30/2018 Florida State University	Special Government Employee (SGE) Member
Hoeksema, J. Todd	10/01/2017 09/30/2018 Stanford University	Special Government Employee (SGE) Member
Hole, Tabettha	10/01/2017 09/30/2018 Norwich University	Special Government Employee (SGE) Member
Holz, Daniel	10/01/2017 09/30/2018 University of Chicago	Special Government Employee (SGE) Member
Honscheid, Klaus	10/01/2017 09/30/2018 Ohio State University	Special Government Employee (SGE) Member
Hooper, Eric	10/01/2017 09/30/2018 University of Wisconsin - Madison	Special Government Employee (SGE) Member
Horch, Elliott	10/01/2017 09/30/2018 Southern Connecticut State University	Special Government Employee (SGE) Member
Horst, Sarah	10/01/2017 09/30/2018 Johns Hopkins University	Special Government Employee (SGE) Member
Hughes, Joanne	10/01/2017 09/30/2018 Seattle University	Special Government Employee (SGE) Member
Hughes, Philip	10/01/2017 09/30/2018 University of Michigan-Ann Arbor	Special Government Employee (SGE) Member
Iliev, Ilian	10/01/2017 09/30/2018 University of Sussex	Special Government Employee (SGE) Member
Irsic, Vid	10/01/2017 09/30/2018 University of Washington	Special Government Employee (SGE) Member
Isella, Andrea	10/01/2017 09/30/2018 Rice University	Special Government Employee (SGE) Member
Jenet, Fredrick	10/01/2017 09/30/2018 University of Texas at Brownsville	Special Government Employee (SGE) Member
Jensen, Elizabeth	10/01/2017 09/30/2018 Planetary Science Institute	Special Government Employee (SGE) Member
Jensen, Joseph	10/01/2017 09/30/2018 Utah Valley University	Special Government Employee (SGE) Member
Jha, Saurabh	10/01/2017 09/30/2018 Rutgers University	Special Government Employee (SGE) Member
Jones, Amy	10/01/2017 09/30/2018 University of Alabama	Special Government Employee (SGE) Member
Jones, Terry Jay	10/01/2017 09/30/2018 University Of Minnesota	Special Government Employee (SGE) Member
Jones, Thomas	10/01/2017 09/30/2018 University Of Minnesota	Special Government Employee (SGE) Member
Jorstad, Svetlana	10/01/2017 09/30/2018 Boston University	Special Government Employee (SGE) Member
Kaplan, David	10/01/2017 09/30/2018 University of Wisconsin - Milwaukee	Special Government Employee (SGE) Member
Kasliwal, Vishal	10/01/2017 09/30/2018 Wave Computing	Special Government Employee (SGE) Member
Kassim, Namir	10/01/2017 09/30/2018 Naval Research Laboratory	Regular Government Employee (RGE) Member
Kassin, Susan	10/01/2017 09/30/2018 Space Telescope Science Institute	Special Government Employee (SGE) Member
Kautsch, Stefan	10/01/2017 09/30/2018 Nova Southeastern University	Special Government Employee (SGE) Member
Kelly, Patrick	10/01/2017 09/30/2018 University Of Minnesota	Special Government Employee (SGE) Member
Kemball, Athol	10/01/2017 09/30/2018 University of Illinois at Urbana-Champaign	Special Government Employee (SGE) Member

Kern, Jeffrey	10/01/2017 09/30/2018 National Radio Astronomy Observatory	Special Government Employee (SGE) Member
Kieda, David	10/01/2017 09/30/2018 University of Utah	Special Government Employee (SGE) Member
Kinney, William	10/01/2017 09/30/2018 State University of New York at Buffalo	Special Government Employee (SGE) Member
Kitiashvili, Irina	10/01/2017 09/30/2018 Bay Area Environmental Research Institute	Special Government Employee (SGE) Member
Klimentov, Alexei	10/01/2017 09/30/2018 CERN, European Organization for Nuclear	Special Government Employee (SGE) Member
Knox, Lloyd	10/01/2017 09/30/2018 University of California, Davis	Special Government Employee (SGE) Member
Koekemoer, Anton	10/01/2017 09/30/2018 Space Telescope Science Institute	Special Government Employee (SGE) Member
Kokoouline, Viatcheslav	10/01/2017 09/30/2018 University of Central Florida	Special Government Employee (SGE) Member
Konopacky, Quinn	10/01/2017 09/30/2018 University of California, San Diego	Special Government Employee (SGE) Member
Kraemer, Kathleen	10/01/2017 09/30/2018 Boston College	Special Government Employee (SGE) Member
Kraus, Adam	10/01/2017 09/30/2018 University of Texas at Austin	Special Government Employee (SGE) Member
Kretke, Katherine	10/01/2017 09/30/2018 Southwest Research Institute	Special Government Employee (SGE) Member
Krolik, Julian	10/01/2017 09/30/2018 Johns Hopkins University	Special Government Employee (SGE) Member
Kulesa, Craig	10/01/2017 09/30/2018 University of Arizona	Special Government Employee (SGE) Member
Landsman, Zoe	10/01/2017 09/30/2018 University of Central Florida	Special Government Employee (SGE) Member
Lang, Dustin	10/01/2017 09/30/2018 University of Toronto	Special Government Employee (SGE) Member
Lanz, Lauranne	10/01/2017 09/30/2018 Dartmouth College	Special Government Employee (SGE) Member
Lavelle, Cathleen	10/01/2017 09/30/2018 Brookhaven National Laboratory	Special Government Employee (SGE) Member
Layden, Andrew	10/01/2017 09/30/2018 Bowling Green State University	Special Government Employee (SGE) Member
Lazio, T. Joseph	10/01/2017 09/30/2018 Jet Propulsion Laboratory	Special Government Employee (SGE) Member
Lazzati, Davide	10/01/2017 09/30/2018 Oregon State University	Special Government Employee (SGE) Member
Lederer, Susan	10/01/2017 09/30/2018 NASA Johnson Space Center	Regular Government Employee (RGE) Member
Leighly, Karen	10/01/2017 09/30/2018 The University of Oklahoma	Special Government Employee (SGE) Member
Leroy, Adam	10/01/2017 09/30/2018 Ohio State University	Special Government Employee (SGE) Member
Link, Bennett	10/01/2017 09/30/2018 Montana State University - Billings	Special Government Employee (SGE) Member
Llama, Joe	10/01/2017 09/30/2018 Lowell Observatory	Special Government Employee (SGE) Member
Loebman, Sarah	10/01/2017 09/30/2018 University of California, Davis	Special Government Employee (SGE) Member
Lorimer, Duncan	10/01/2017 09/30/2018 West Virginia University	Special Government Employee (SGE) Member
Lovelace, Richard	10/01/2017 09/30/2018 Cornell University	Special Government Employee (SGE) Member

Lovell, Amy	10/01/2017 09/30/2018 Agnes Scott College	Special Government Employee (SGE) Member
Lynch, Ryan	10/01/2017 09/30/2018 Green Bank Observatory	Special Government Employee (SGE) Member
Mac Low, Mordecai-Mark	10/01/2017 09/30/2018 American Museum Natural History	Special Government Employee (SGE) Member
Maccarone, Thomas	10/01/2017 09/30/2018 Texas Tech University	Special Government Employee (SGE) Member
Marcum, Pam	10/01/2017 09/30/2018 NASA Ames Research Center	Regular Government Employee (RGE) Member
Marengo, Massimo	10/01/2017 09/30/2018 Iowa State University	Special Government Employee (SGE) Member
Marinacci, Federico	10/01/2017 09/30/2018 Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Marshall, Jennifer	10/01/2017 09/30/2018 Texas A&M University	Special Government Employee (SGE) Member
McCandliss, Stephan	10/01/2017 09/30/2018 Johns Hopkins University	Special Government Employee (SGE) Member
Megeath, S. Thomas	10/01/2017 09/30/2018 University of Toledo	Special Government Employee (SGE) Member
Meyer, Eileen	10/01/2017 09/30/2018 University of Maryland, Baltimore County	Special Government Employee (SGE) Member
Miller, M. Meghan	10/01/2017 09/30/2018 UNAVCO, Inc.	Special Government Employee (SGE) Member
Mittal, Rupal	10/01/2017 09/30/2018 Rochester Institute of Technology	Special Government Employee (SGE) Member
Molnar, Lawrence	10/01/2017 09/30/2018 Calvin College	Special Government Employee (SGE) Member
Montet, Benjamin	10/01/2017 09/30/2018 University of Chicago	Special Government Employee (SGE) Member
Mueller, Bernhard	10/01/2017 09/30/2018 Monash University	Special Government Employee (SGE) Member
Mueller, Hans-Reinhard	10/01/2017 09/30/2018 Dartmouth College	Special Government Employee (SGE) Member
Munshi, Ferah	10/01/2017 09/30/2018 Vanderbilt University	Special Government Employee (SGE) Member
Murray-Clay, Ruth	10/01/2017 09/30/2018 University of California, Santa Cruz	Special Government Employee (SGE) Member
Nagakura, Hiroki	10/01/2017 09/30/2018 California Institute of Technology	Special Government Employee (SGE) Member
Naoz, Smadar	10/01/2017 09/30/2018 University of California, Los Angeles	Special Government Employee (SGE) Member
Noyola, Eva	10/01/2017 09/30/2018 University of Texas at Austin	Special Government Employee (SGE) Member
O'Neil, Karen	10/01/2017 09/30/2018 Green Bank Observatory	Special Government Employee (SGE) Member
Oppenheimer, Benjamin	10/01/2017 09/30/2018 University of Colorado at Boulder	Special Government Employee (SGE) Member
Oppenheimer, Rebecca	10/01/2017 09/30/2018 American Museum Natural History	Special Government Employee (SGE) Member
Orel, Ann	10/01/2017 09/30/2018 University of California, Davis	Special Government Employee (SGE) Member
Osten, Rachel	10/01/2017 09/30/2018 Space Telescope Science Institute	Special Government Employee (SGE) Member
Ostriker, Eve	10/01/2017 09/30/2018 Princeton University	Special Government Employee (SGE) Member
Ott, Juergen	10/01/2017 09/30/2018 National Radio Astronomy Observatory	Special Government Employee (SGE) Member

Park, KwangHo	10/01/2017 09/30/2018 Georgia Institute of Technology	Special Government Employee (SGE) Member
Park, Sangwook	10/01/2017 09/30/2018 University of Texas at Arlington	Special Government Employee (SGE) Member
Patience, Jennifer	10/01/2017 09/30/2018 Arizona State University	Special Government Employee (SGE) Member
Peck, Alison	10/01/2017 09/30/2018 Gemini Observatory	Special Government Employee (SGE) Member
Peek, Joshua	10/01/2017 09/30/2018 Space Telescope Science Institute	Special Government Employee (SGE) Member
Penny, Laura	10/01/2017 09/30/2018 College of Charleston	Special Government Employee (SGE) Member
Pepper, Joshua	10/01/2017 09/30/2018 Lehigh University	Special Government Employee (SGE) Member
Petit, VÃšronique	10/01/2017 09/30/2018 University of Delaware	Special Government Employee (SGE) Member
Petty, Sara	10/01/2017 09/30/2018 NorthWest Research Associates, Incorpora	Special Government Employee (SGE) Member
Pinsonneault, Marc	10/01/2017 09/30/2018 The Ohio State University	Special Government Employee (SGE) Member
Plavchan, Peter	10/01/2017 09/30/2018 George Mason University	Special Government Employee (SGE) Member
Prestage, Richard	10/01/2017 09/30/2018 West Virginia University	Special Government Employee (SGE) Member
Pryor, Carlton	10/01/2017 09/30/2018 Rutgers University	Special Government Employee (SGE) Member
Psaltis, Dimitrios	10/01/2017 09/30/2018 University of Arizona	Special Government Employee (SGE) Member
Raab, Fred	10/01/2017 09/30/2018 California Institute of Technology	Special Government Employee (SGE) Member
Rajagopalan, Srimi	10/01/2017 09/30/2018 Brookhaven National Laboratory	Special Government Employee (SGE) Member
Reilly, Neil	10/01/2017 09/30/2018 University of Massachusetts Boston	Special Government Employee (SGE) Member
Reynolds, Mark	10/01/2017 09/30/2018 University of Michigan-Ann Arbor	Special Government Employee (SGE) Member
Reynolds, Stephen	10/01/2017 09/30/2018 North Carolina State University	Special Government Employee (SGE) Member
Ribaudo, Joseph	10/01/2017 09/30/2018 Utica College	Special Government Employee (SGE) Member
Richards, Gordon	10/01/2017 09/30/2018 Drexel University	Special Government Employee (SGE) Member
Ricker, Paul	10/01/2017 09/30/2018 University of Illinois at Urbana-Champaign	Special Government Employee (SGE) Member
Ridgway, Stephen	10/01/2017 09/30/2018 Association of Universities for Research	Special Government Employee (SGE) Member
Ridley, Joshua	10/01/2017 09/30/2018 Murray State University	Special Government Employee (SGE) Member
Rines, Kenneth	10/01/2017 09/30/2018 Western Washington University	Special Government Employee (SGE) Member
Roy, Jean-Rene'	10/01/2017 09/30/2018 Laval University	Special Government Employee (SGE) Member
Saar, Steven	10/01/2017 09/30/2018 Harvard University	Special Government Employee (SGE) Member
Sabbi, Elena	10/01/2017 09/30/2018 Space Telescope Science Institute	Special Government Employee (SGE) Member
Sakari, Charli	10/01/2017 09/30/2018 University of Washington	Special Government Employee (SGE) Member

Salazar, Jack	10/01/2017 09/30/2018 Lawrence Berkeley National Laboratory	Special Government Employee (SGE) Member
Sallum, Stephanie	10/01/2017 09/30/2018 University of California, Santa Cruz	Special Government Employee (SGE) Member
Sanders, David	10/01/2017 09/30/2018 University of Hawaii	Special Government Employee (SGE) Member
Sarajedini, Vicki	10/01/2017 09/30/2018 University of Florida	Special Government Employee (SGE) Member
Saxena, Prabal	10/01/2017 09/30/2018 NASA Goddard Space Flight Center	Special Government Employee (SGE) Member
Sayanagi, Kunio	10/01/2017 09/30/2018 Hampton University	Special Government Employee (SGE) Member
Schafer, Chad	10/01/2017 09/30/2018 Carnegie-Mellon University	Special Government Employee (SGE) Member
Schechter, Paul	10/01/2017 09/30/2018 Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Scheel, Mark	10/01/2017 09/30/2018 California Institute of Technology	Special Government Employee (SGE) Member
Schiminovich, David	10/01/2017 09/30/2018 Columbia University	Special Government Employee (SGE) Member
Sehgal, Neelima	10/01/2017 09/30/2018 Stony Brook University	Special Government Employee (SGE) Member
Sigurdsson, Steinn	10/01/2017 09/30/2018 Pennsylvania State Univ University Park	Special Government Employee (SGE) Member
Simcoe, Robert	10/01/2017 09/30/2018 Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Simon, Richard	10/01/2017 09/30/2018 National Radio Astronomy Observatory	Special Government Employee (SGE) Member
Skov, Tamitha	10/01/2017 09/30/2018 Aerospace Corporation	Special Government Employee (SGE) Member
Smith, Beverly	10/01/2017 09/30/2018 East Tennessee State University	Special Government Employee (SGE) Member
Smith, Howard	10/01/2017 09/30/2018 Harvard University	Special Government Employee (SGE) Member
Smith, Tristan	10/01/2017 09/30/2018 Swarthmore College	Special Government Employee (SGE) Member
Snyder, Greg	10/01/2017 09/30/2018 Space Telescope Science Institute	Special Government Employee (SGE) Member
Sobolewska, Malgorzata	10/01/2017 09/30/2018 Harvard-Smithsonian Center for Astrophys	Special Government Employee (SGE) Member
Sollitt, Luke	10/01/2017 09/30/2018 The Citadel	Special Government Employee (SGE) Member
Spangler, Steven	10/01/2017 09/30/2018 University of Iowa	Special Government Employee (SGE) Member
Spuck, Timothy	10/01/2017 09/30/2018 Boston University	Special Government Employee (SGE) Member
Stanimirovic, Snezana	10/01/2017 09/30/2018 University of Wisconsin - Madison	Special Government Employee (SGE) Member
Steimle, Timothy	10/01/2017 09/30/2018 Arizona State University	Special Government Employee (SGE) Member
Strauss, Michael	10/01/2017 09/30/2018 Princeton University	Special Government Employee (SGE) Member
Sun, Ming	10/01/2017 09/30/2018 University of Alabama in Huntsville	Special Government Employee (SGE) Member
Suntzeff, Nicholas	10/01/2017 09/30/2018 Texas A&M University	Special Government Employee (SGE) Member
Szentgyorgyi, Andrew	10/01/2017 09/30/2018 Smithsonian Astrophysical Observatory	Special Government Employee (SGE) Member

Tanner, Angelle	10/01/2017 09/30/2018 Mississippi State University	Special Government Employee (SGE) Member
Thacker, Rob	10/01/2017 09/30/2018 Saint Mary's University	Special Government Employee (SGE) Member
Thilker, David	10/01/2017 09/30/2018 Johns Hopkins University	Special Government Employee (SGE) Member
Thompson, Patrick	10/01/2017 09/30/2018 NASA Goddard Space Flight Center	Regular Government Employee (RGE) Member
Thorstensen, John	10/01/2017 09/30/2018 Dartmouth College	Special Government Employee (SGE) Member
Timbie, Peter	10/01/2017 09/30/2018 University of Wisconsin	Special Government Employee (SGE) Member
Timokhin, Andrey	10/01/2017 09/30/2018 University of Maryland	Special Government Employee (SGE) Member
Torrey, Paul	10/01/2017 09/30/2018 Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Trainor, Ryan	10/01/2017 09/30/2018 Franklin and Marshall College	Special Government Employee (SGE) Member
Tran, Kim-Vy	10/01/2017 09/30/2018 Texas A&M University	Special Government Employee (SGE) Member
Travouillon, Tony	10/01/2017 09/30/2018 The Australian National University	Special Government Employee (SGE) Member
Tremonti, Christy	10/01/2017 09/30/2018 University of Wisconsin - Madison	Special Government Employee (SGE) Member
Troja, Eleonora	10/01/2017 09/30/2018 NASA Goddard Space Flight Center	Special Government Employee (SGE) Member
Tsai, Chao-Wei	10/01/2017 09/30/2018 University of California, Los Angeles	Special Government Employee (SGE) Member
Tumlinson, Jason	10/01/2017 09/30/2018 Space Telescope Science Institute	Special Government Employee (SGE) Member
Turolla, Roberto	10/01/2017 09/30/2018 University of Padova	Special Government Employee (SGE) Member
Tyson, Anthony	10/01/2017 09/30/2018 University of California, Davis	Special Government Employee (SGE) Member
Vogt, Nicole	10/01/2017 09/30/2018 New Mexico State University	Special Government Employee (SGE) Member
Wake, David	10/01/2017 09/30/2018 University of North Carolina at Asheville	Special Government Employee (SGE) Member
Watson, Dan	10/01/2017 09/30/2018 University of Rochester	Special Government Employee (SGE) Member
Weingartner, Joseph	10/01/2017 09/30/2018 George Mason University	Special Government Employee (SGE) Member
Werthimer, Dan	10/01/2017 09/30/2018 University Of California, Berkeley	Special Government Employee (SGE) Member
Williams, Brian	10/01/2017 09/30/2018 Space Telescope Science Institute	Special Government Employee (SGE) Member
Williams, Grant	10/01/2017 09/30/2018 University of Arizona	Special Government Employee (SGE) Member
Williams, Jonathan	10/01/2017 09/30/2018 University Of Hawaii	Special Government Employee (SGE) Member
Wilson, Grant	10/01/2017 09/30/2018 University of Massachusetts Amherst	Special Government Employee (SGE) Member
Wingate, Lory	10/01/2017 09/30/2018 National Radio Astronomy Observatory	Special Government Employee (SGE) Member
Wolff, Sidney	10/01/2017 09/30/2018 National Optical Astronomy Observatory	Special Government Employee (SGE) Member
Womack, Maria	10/01/2017 09/30/2018 University Of South Florida	Special Government Employee (SGE) Member

Wuerthwein, Frank	10/01/2017 09/30/2018 University of California, San Diego	Regular Government Employee (RGE) Member
Young, Renotta	10/01/2017 09/30/2018 Columbia University	Special Government Employee (SGE) Member
Zack, Lindsay	10/01/2017 09/30/2018 Austin College	Special Government Employee (SGE) Member
Zaritsky, Dennis	10/01/2017 09/30/2018 University of Arizona	Special Government Employee (SGE) Member
Zemcov, Michael	10/01/2017 09/30/2018 Rochester Institute of Technology	Special Government Employee (SGE) Member
Ziurys, Lucy	10/01/2017 09/30/2018 University of Arizona	Special Government Employee (SGE) Member
von Hippel, Ted	10/01/2017 09/30/2018 Embry-Riddle Aeronautical University	Special Government Employee (SGE) Member

Number of Committee Members Listed: 300

Narrative Description

The NSF mission is set out in the NSF Act of 1950 and authorizes and directs the Agency to initiate and support basic scientific research and research fundamental to the engineering process; and science and engineering education programs at all levels and in all fields of science and engineering. The involvement of knowledgeable peers from outside the Foundation in the review of proposals is the keystone of NSF's proposal review system. Their judgements of the extent to which proposals address the merit review criteria are vital for informing NSF staff and influencing funding recommendations.

What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	<input type="checkbox"/>
Trust in government	<input type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input checked="" type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input type="checkbox"/>

Outcome Comments

NA

What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
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Unable to Determine	<input checked="" type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

Cost Savings Comments

NA

What is the approximate Number of recommendations produced by this committee for the life of the committee?

897

Number of Recommendations Comments

Please note that the number of recommendation is for the fiscal year.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

100%

% of Recommendations Fully Implemented Comments

The word implement is not applicable to grant review panels. All recommendations for award are considered by the Agency.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

0%

% of Recommendations Partially Implemented Comments

Not applicable. Please see answer directly above.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

Although panelists may not receive direct feedback, each committee member may use the NSF Fastlane, a public web-based program, which provides information on awards made by the agency to determine the outcome of proposals reviewed by the panel.

What other actions has the agency taken as a result of the committee's advice or recommendation?

	Checked if Applies
Reorganized Priorities	<input checked="" type="checkbox"/>
Reallocated resources	<input checked="" type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

NA

Is the Committee engaged in the review of applications for grants?

Yes

What is the estimated Number of grants reviewed for approval	869
What is the estimated Number of grants recommended for approval	192
What is the estimated Dollar Value of grants recommended for approval	\$140,860,251

Grant Review Comments

The panelists provide information on the merit of the proposals, which include an overall rating.

How is access provided to the information for the Committee's documentation?

	Checked if Applies
Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input type="checkbox"/>

Access Comments

N/A